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DIALOG(R)File 351:Derwent WPI
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Digital wave beam formation and module in radio communication system and

its array receiver

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1352498	A	20020605	CN 2000133920	A	20001115	200263

B

Priority Applications (No Type Date): CN 2000133920 A 20001115

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1352498	A		H04J-013/00	

Abstract (Basic): CN 1352498 A

NOVELTY - Digital wave packet is used in wireless communication system. Channel response of signal vector expected is evaluated, and the coefficients of correlation of digital wave packets are calculated based on reference signal by using formula. The vector weighted that is relevant to largest co-relation system is output. The array digital signal is weighted by output vector weighted so as to output signal of digital wave packet. The amount of calculation is smaller comparing with the conventional method, so requirement for digital signal processing unit is lower in the invented module.

DwgNo 0/0

Title Terms: DIGITAL; WAVE; BEAM; FORMATION; MODULE; RADIO; COMMUNICATE;

SYSTEM; ARRAY; RECEIVE

Derwent Class: W02

International Patent Class (Main): H04J-013/00

International Patent Class (Additional): H04B-001/06

File Segment: EPI